

# AB18EJ/AB18HJ

Compliant with CE/ GB standards

## AB18EJ Product Highlights

### Outstanding strength both indoors and outdoors

- Smooth off-road and quiet indoor operation
- 4WD, 40% gradeability
- Standard active oscillation, excellent flexibility

### Excellent performance, safety and reliability

- Smart display for easy machine status and fault diagnosis
- Dual battery and power system, for safer descent
- Rexroth safety controller, in line with ISO 13849 standards

### Comfortable and efficient

- The main boom and folding arm are equipped with angle sensors, to automatically reduce speed, with no impact and rapid luffing. 0-18 meters in only 68seconds
- Proportional steering speed reduction technology, for safer driving with no tailswing

## AB18EJ Product Highlights

### Hybrid power for enhanced endurance

- More environmentally friendly, economical and efficient, with fuel consumption reduced by over 30% compared to pure diesel
- Longer battery life compared to pure electric models, without charging source and battery power limitations. Under the same working conditions, electric models operate for one day. Hybrid model can operate for up to one week (N.B. this is based on comparison of test data results)

### Electric 4WD

- 40% gradeability, equivalent to diesel models
- Standard active oscillation, excellent flexibility

### Excellent performance, safety and reliability

- Smart display for easy machine status and fault diagnosis
- Rexroth safety controller, in line with ISO 13849 standards

### Excellent performance, safety and reliability

- The main boom and folding arm are equipped with angle sensors, to automatically reduce speed, with no impact and rapid luffing. 0-18 meters in only 68 seconds
- Proportional steering speed reduction technology, for safer driving with no tailswing

Standard features		
■ Platform hydraulic leveling	■ Overload sensing system	■ 355° Turntable rotation
■ Platform 160° hydraulic rotation	■ Emergency brake release	■ Drive enable system
■ Display screen	■ Foam-filled tyres	■ Full proportional handle variant control
■ Fault diagnosis system	■ IOT-based operation monitoring	■ Horn and buzzer alarms
■ Emergency stop system	■ Lead-acid battery	■ Rotating warning lamp
■ Emergency lowering system	■ Rexroth system	■ Tilt protection
■ Tilt angle up to 5°		
Optional features		
■ Headlight	■ AC cable to platform	■ Non-marking tyres
■ Optional 1.83 m (6') work platform	■ Overhead anti-collision device	■ Inverter 220V AC power supply
■ Solid tires	■ Optional 1.45 m (4'9") work platform	

# SINOBOOM

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Model	AB18EJ	AB18HJ
<b>Dimensions</b>		
Max Platform Height	18.2 m (59'9")	18.2 m (59'9")
Max Working Height	20.2 m (66'3")	20.2 m (66'3")
Max Horizontal Extension	11.5 m (37'9")	11.5 m (37'9")
Max Up and Over Clearance	7.5 m (24'7")	7.5 m (24'7")
A Length-Stowed	8.7 m (28'7")	8.7 m (28'7")
B Width-Stowed	2.49 m (8'2")	2.49 m (8'2")
C Height-Stowed	2.56 m (8'5")	2.56 m (8'5")
D Wheelbase	2.49 m (8'2")	2.49 m (8'2")
Ground Clearance	0.25 m (10")	0.25 m (10")
Platform Dimensions(LxWxH)	1.83 x 0.85 x 1.1 m (6' x 2'9" x 3'7")	1.83 x 0.85 x 1.1 m (6' x 2'9" x 3'7")
<b>Performance</b>		
platform Capacity	230 kg (507lbs) unlimited / 2 persons and tools	230 kg (507lbs) unlimited / 2 persons and tools
Turntable Rotation	355 °	355 °
Platform Rotation	160 °	160 °
Drive Speed-Stowed	6.5 km/h (4mph)	6.5 km/h (4mph)
Drive Speed-Raised	1.1 km/h (068mph)	1.1 km/h (068mph)
Gradeability	40 %	40 %
Turning Radius-Inside	2.4 m (7'11")	2.4 m (7'11")
Turning Radius-Outside	5.55 m (18'1")	5.55 m (18'1")
Turntable Tailswing	0.8 m (2'8")	0.8 m (2'8")
Tilt Rating	5 °	5 °
DrivexSteer	4WDx2WS	4WDx2WS
Tire Spec/Type	355/55D625 Foam	355/55D625 Foam
<b>Power</b>		
Batteries	8*6 V,390Ah	8*6 V,390Ah
Auxiliary Power Unit	12 VDC	12 VDC
Hydraulic Tank Capacity	70 L (15.4 imp gal)	70 L (15.4 imp gal)
Fuel Tank Capacity	-	60L (13.2 imp gal)
<b>Weight</b>		
Weight	8100 kg (17,857lbs)	8250 kg (18,188lbs)
Hydraulic System Pressure	21 MPa	21 MPa
Max Allowable Wind Speed	12.5 m/s (28mph)	12.5 m/s (28mph)
Max Allowable Lateral Force	400 N	400 N
Standards Compliance	CE/ GB	

